

**REMARKS**

Reconsideration of this application is respectfully requested.

Claim 1 is directed to a sensor assembly which includes a code wheel which is rotatable with a vehicle steering wheel. A mechanism is provided to indicate the number of rotations of the code wheel.

The mechanism is set forth in claim 1 is including a rotatable driven component which is rotatable by the code wheel. The driven component is driven a predetermined portion of 360° for one revolution of the code wheel. A magnet is mounted on the driven component. A sensing device is provided to sense a magnetic flux field provided the magnet. The magnetic flux field varies relative to the sensing device as the driven component is rotated by the code wheel. The sensing device is operable to provide an output signal which varies with variations in the magnetic flux field.

Claim 1 defines over the prior art and particularly the Patent Application Publication to Ito, et al. (2003/0177649 A1), by setting forth the driven component as being driven a predetermined portion of 360° for one revolution of the code wheel. In the Ito, et al. patent application publication, the gear 16 and magnet 17 are rotated through more than one complete revolution for each revolution of the code wheel 13. Thus, the Ito, et al. patent application publication states:

The second gear 16 rotates 1.75 times rotation for every one complete rotation of the rotary shaft 12. (Page 3, paragraph 0049 of the Ito, et al patent publication).

Thus, the Ito, et al. patent clearly contemplates that the gear 16 will not be driven a predetermined portion of one revolution for each revolution of the code wheel or rotating plate 13.

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Serial No. 10/770,271

A portion is defined by Webster's Dictionary as being: "a part of a whole" (see Exhibit A). Therefore, when the driven component is driven a "predetermined portion of 360° for one revolution of the code wheel," in the manner set forth in claim 1, the driven component is driven for a part of 360°. In the Ito, et al. patent publication, the driven component is driven for 1.75 times 360°, that is, more than 360°.

Claim 2, which was indicated as being allowable, has been rewritten in independent form as claim 10. Claims 11 through 14 depend from claim 10. Therefore, it is believed that these claims are in condition for allowance.

Claim 3, which was indicated as being allowable, has been rewritten in independent form as claim 15. Claims 16 and 17 depend from claim 15. Therefore, it is believed that these claims are in condition for allowance.

Claim 4, which was indicated as being allowable, has been rewritten in independent form as claim 18. Therefore, it is believed that claim 18 is in condition for allowance.

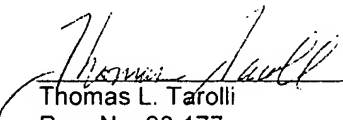
Claim 8, which was indicated as being allowable, has been rewritten in independent form as claim 19. Claim 20 depends from claim 19. Therefore, it is believed that these claims are in condition for allowance.

In view of the foregoing remarks, it is believed that the claims in this application are in condition for allowance. Therefore, it is respectfully requested that the Examiner allow the claims and pass this application to issue.

Serial No. 10/770,271

If for any reason the Examiner believes that a telephone conference would expedite the prosecution of this application, it is respectfully requested that the Examiner call applicant's attorneys in Cleveland, Ohio at 621-2234, area code 216. Please charge any deficiency in the fees for this application to our Deposit Account No. 20-0090.

Respectfully submitted,

  
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**Exhibit A**

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MADE IN THE UNITED STATES OF AMERICA  
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A line drawing of a vintage portable typewriter. It is shown with its lid open, revealing the keyboard, typebars, and carriage. The typewriter is designed to fit into a carrying case, which is shown as a separate component with a handle and a latch.

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